DOVE.

SPECULUM ANNI

à partu Virginis

MDCXLV.

AN

ALMANACK

for the year of our

LORD GOD

1665.

The first after Bissextile or Leap-year, and from the Worlds creation, according to the best account 5669.

Calculated properly for the famous *Universitie* and *Town* of *Cambridge*, where the Pole is elevated 52 degr. and 17 min.

But may indifferently serve for any other place within this Nation.

CAMBRIDGE:

Printed by *John Field*, Printer to the *Universitie*. 1665.

ANNO DOM. 1665.

THE	13
The Cycle of the Sun	22
The Epact	23
Sundays after Trinitie	27
The	
April	10

This year is also from the

Creation of the World	5669
Floud of Noah	4012
Promise made to Abraham	3585
Coming of the Israelites out of Egypt	3255
Building of London	2768
Foundation of the Temple by K. Solomon	2676
Building of York	2653
Building of Rome, *April* 21	2417
Beginning of the captivitie	2271
Burning of the Temple by Nebuchadnezzar	2251
Building of it again by Zorobabel	2184
Beginning of Daniels 70 weeks	2121
Building of the Tower in London	2081
Death of Alexander the Great	1988
Building of CAMBRIDGE	1965
Conquest of Britain by Julius Cesar	1718
Constitution of the Julian year	1709
Birth of Christ by true account	1669
Birth of Christ by common account	1665
Baptisme of Christ	1638
Death of Christ	1635
Destruction of Jerusalem by the Romanes	1595
Lucius the first Christian King	1486
Constantine the first Christian Emperour	1341
The first General Council	1339
That great and terrible destructive wind	3

And note that on the 30th day of *January* the seventeenth year of our royal King *CHARLES* the second beginneth.
Whom God preserve.

The Anatomy of Mans body, as the parts thereof are attributed to the twelve Signs.

♈ Aries, head and face.
♉ Taurus, neck and throat.
♋ Cancer, breast and stomach.
♌ Virgo bowels and belly.
♏ Scorpio, secret members.
♑ Capric. knees.

♊ Gemini, Arms and shoulders.
♌ Leo, Heart and Back.
♎ Libra, Reins and Loyns.
♐ Sagittar. Thighs.
♒ Aquar. Legge.
♓ Pisces, The Feet.

NOte that an unguent or plaister is best applied, when the Moon is in that signe which is attributed unto that member whereunto it is applied. But not so in letting of bloud.

New moon the 6 day, 6 min. past 6 in the morning.
First quarter the 14 day, 33 min. past ten before noon.
Full moon the 21 day, 20 minutes past 6 in the morning.
Last quarter the 28 day, 40 min. before 1 in the morning.

1		[illegible]	21	58	Scorp.	28	Snow and cold
2	b	Octab. Steph.	22	59	Sagit.	10	wind.
3	c	Octab. John	24	0		23	✶ ☿ ☾
4	d	Telesphorus	25	1	Capr.	5	Snow-like and
5	e	Simeon	26	3		17	frosty weather.
6	f	[illegible]	27	4		29	☌ ♃ ☾
7	g	Julianus	28	5	Aqua.	11	☌ ♂ ☾
8		1 after Epiph.	29	6		22	Fair, if not
9	b	[illegible]	0 ♒	7	Pisces	4	frosty too.
10	c	Paul Erem.	1	8		16	Wind and snow
11	d	Hyginus	2	9		28	or rain.
12	e	Tatyrius	3	10	Aries	10	
13	f	Hilarie bishop	4	12		23	Cloudy and
14	g	Felix	5	13	Taur.	5	cold.
15		2 after Epiph.	6	14		19	Variable.
16	b	Marcellus	7	15	Gem.	2	△ ☉ ☾
17	c	Antonius	8	16		16	△ ☌ ☾
18	d	Prisca virg.	9	17	Canc.	0	Cold cloudy
19	e	Wolfian	10	18		15	air.
20	f	Octab. Hilar.	11	18	Leo	0	Fair and
21	g	Agnes	12	19		15	freezing.
22			13	20	Virgo	0	Wind with
23	b		14	21		15	snufts of snow
24	c	Timothy Fast	15	22	Libra	0	or rain.
25	d	[illegible]	16	23		14	△ ☉ ☾
26	e	Polycarpus	17	24		28	□ ♃ ☾
27	f	Quind. Hilar.	18	24	Scorp.	12	Milde air.
28	g	Carol. mag.	19	25		25	Rain and some
29			20	26	Sagit.	7	wind.
30	b		21	27		20	✶ ☉ ☾
31	c	Cyriacus	22	27	Capr.	2	Snow or rain.

Jupiter and Mercury will be in conjunction the 2 day; Jupiter and the Sun the 8 day; and Mars and Mercury the 10 day: these are like to stir up wind enough. Saturn is with the Moon the 4 day; Jupiter the 6. Mars and Mercury the 7. Venus the 9. & ♄ the 31.

January.

Days of the month.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	8	4	3	56
2	8	3	3	57
3	8	2	3	58
4	7	0	4	0
5	7	59	4	1
6	7	58	4	2
7	7	57	4	3
8	7	55	4	5
9	7	54	4	6
10	7	52	4	8
11	7	51	4	9
12	7	50	4	10
13	7	48	4	12
14	7	47	4	13
15	7	46	4	14
16	7	45	4	15
17	7	43	4	17
18	7	42	4	18
19	7	40	4	20
20	7	38	4	22
21	7	36	4	24
22	7	34	4	26
23	7	32	4	28
24	7	30	4	30
25	7	28	4	32
26	7	26	4	34
27	7	24	4	36
28	7	22	4	38
29	7	20	4	40
30	7	18	4	42
31	7	16	4	43

New moon the 5 day, 32 minutes past 2 in the morning.
First quarter the 12 day, 53 minutes past 11 at night.
Full moon the 19 day, 24 minutes past 4 after noon.
Last quarter the 26 day, 34 minutes past 3 after noon.

1	d	Wzidget Fast	23	28	Capr.	14	Cold air.
2	e		24	29		26	✶ ☿ ☾
3	f	Craſt. Purif.	25	29	Aqua.	8	Windy and
4	g	Veronica	26	30		19	cold.
5			27	30	Piſces	1	Stormy winds
6	b	Dozothea	28	31		13	and ſnow theſe
7	c	Shrove-tueſd.	29	31		25	days.
8	d	Aſhwedneſd.	0 ♓	32	Aries	7	✶ ♆ ☾
9	e	Octab. Purif.	1	32		20	More wind.
10	f	Scholaſtica	2	32	Taur.	2	Fair and freez-
11	g	Euphzoſina	3	33		15	ing.
12		Quadrageſim.	4	33		28	□ ☿ ☾
13	b		5	33	Gem.	11	Moiſt air.
14	c	Valentine	6	34		25	Snow-like and
15	d		7	34	Canc.	9	freezing.
16	e	Julian	8	34		24	Moiſt air.
17	f	Dioſcor.	9	34	Leo	8	Fair day.
18	g	Concozdia	10	34		23	Windy and
19			11	34	Virgo	8	moiſt.
20	b	Wildred	12	34		24	Rain.
21	c	69 Martyrs	13	34	Libra	8	Fair again.
22	d	Pet. Chair	14	34		23	Snow or rain.
23	e	Polycar. Faſt	15	34	Scorp.	7	✶ ♄ ☾
24	f		16	34		21	△ ♂ ☾
25	g	Victozinus	17	34	Sagit.	4	✶ ♆ ☾
26		3 ſund. in lent	18	34		16	Some wind.
27	b	Auguſtine	19	34		29	Cold and
28	c	Romanus	20	34	Capr.	11	cloudy.

Sun rising.		Sun setting.	
Ho.	M.	Ho.	M.
7	14	4	49
7	12	4	48
7	10	4	50
7	8	4	52
7	6	4	54
7	4	4	56
7	2	4	58
7	0	5	0
6	58	5	2
6	56	5	4
6	54	5	6
6	52	5	8
6	51	5	9
6	49	5	11
6	47	5	13
6	45	5	15
6	43	5	17
6	41	5	19
6	40	5	20
6	38	5	22
6	36	5	22
6	34	5	26
6	32	5	28
6	30	5	30
6	28	5	32
6	26	5	34
6	24	5	36
6	22	5	38

Jupiter will be with the Moon the third day; Mars and Mercury will be with her on the fifth day.

Venus is with her on the 8 day; and Saturn on the 28 day.

February.

New moon the sixth day, 31 min. past eight at night.
First quarter the 14 day, 3 min. past 10 before noon.
Full moon the 21 day, 58 min. past one in the morn.
Last quarter the 28 day, 53 minutes past 8 in the morn

1	d	David	21	33	Capr.	23	✶ ♂ ☾	
2	e	Chad bish.	22	33	Aquar.	4	□ ☿ ☾	
3	f	Cunigunda	23	33		16	☌ ♃ ☾	
4	g	Adrian	24	32		28	Thund. & wind.	
5		Midlent sund	25	32	Pisces	10	✶ ☿ ☾	
6	b	Fridoline	26	31		22	Cold frost like.	
7	c	Perpetua	27	31	Aries	4	□ ♄ ☾	
8	d	Mauritan	28	30		17	✶ ♃ ☾	
9	e	Prudent.	29	30		29	✶ ☿ ☾	
10	f		0	♈ 29	Taur.	12	Good weather.	
11	g	Cunibert	1	29		25	✶ ♂ ☾	
12		☽ fun. in lent	2	28	Gem.	8	Windy. △ ♃ ☾	
13	b	Theodoze	3	27		22		
14	c	Leo bish.	4	27	Canc.	5	Cloudy. ☌ ♄ ☾	
15	d	Longinus	5	26		19	✶ ☿ ☾	
16	e	Cyriacus	6	25	Leo	3	△ ♂ ☾	
17	f	Gertrude	7	24		18	Fair and good.	
18	g	Edward K.	3	23	Virg.	2	△ ♄ ☾	
19			9	22		17	Wind, snow, or	
20	b	Rupertus	10	21	Libra	2	cold cloudy	
21	c	Benedict ab.	11	20		17	weather.	
22	d	Paulinus	12	19	Scorp.	1	✶ ♄ ☾	
23	e	Victorian	13	17		15	Cold abated.	
24	f	Good Friday	14	16		29	Rain-like.	
25	g		15	15	Sagit.	12	Fair. ✶ ♃ ☾	
26			16	14		25	Windy and fine	
27	b	Martian	17	13	Capr.	7	fair weather.	
28	c	Gedeon	18	12		19	Temperate and	
29	d	Eustachius	19	11	Aquar.	1	milde to the	
30	e	Guido	20	10		13	moneths end.	
31	f	Bathina	21	9		25	Cool the 31.	

Jupiter will be with the Moon the 3 day; Mercury the 4 day; Mars (but hid under the Sun-beams) the sixth day; Venus is with her the tenth day; Saturn on the 17 day; and Jupiter again on the thirtieth day.

March.

Days of the month.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	6	18	5	42
2	6	16	5	44
3	6	14	5	46
4	6	12	5	48
5	6	10	5	50
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	28	6	32
27	5	26	6	34
28	5	24	6	36
29	5	22	6	38
30	5	20	6	40
31	5	18	6	42

New moon the fifth day, 50 min. past 11 before noon.
First quarter the 12 day, 21 min. past 5 after noon.
Full moon the 19 day, 36 min. past 11 before noon.
Last quarter the 27 day, 16 min. past 3 in the morning.

1	g	Theodora	22	7	Piſces	6	Moiſt air.
2			23	6		18	
3	b	Richard biſh.	24	5	Aries	1	✶ ♆ ♂
4	c	Ambroſe	25	3		13	Wind, hail o
5	d	Vincent	26	2		26	fleet.
6	e	Sixtus	27	0	Taur.	9	Cool △ ♄ ☾
7	f	Egeſippus	27	58		22	air.
8	g	Dionyſius	28	57	Gem.	5	Some wind.
9		2 after Eaſter	29 ♉	55		18	Fair. ✶ ♂ ☾
10	b		0	54	Canc.	2	✶ ☉ ☾
11	c	Leo	1	52		16	♂ ♂ ☿ Hot
12	d		2	50		29	weather
13	e	Juſtinus	3	4	Leo	13	Fair. ♀ ♆ ☾
1	f	Tiburtius	4	47		28	△ ♂ ☾
15	g	Olympia	5	45	Virgo	12	Cold △ ♄ ☾
16		3 after Eaſter	6	43		26	ſhowers.
17	b	Tres Paſch.	7	41	Libra	11	□ ♄ ☾
18	c	Eluthcrius	8	39		25	Thund. & rain.
19	d	Alphege	9	37	Scorp.	9	Moiſt & windy,
20	e	Sulpitius	10	35		23	Fair □ ♆ ☾
21	f	Simeon	11	33	Sagit.	7	weather.
22	g	Gaius biſh.	12	31		20	✶ ♆ ☾
23		4 after Eaſter	13	29	Capr.	3	Froſty morning,
24	b	Menſ. Paſch.	14	27		15	but ſhowers and
25	c		15	2		27	windy ſtorms fol
26	d	Cletus	16	23	Aqua.	9	□ ♂ ☾
27	e	Anaſtatius	17	20		21	Fine fair weath.
28	f	Vitalis	18	18	Piſces	3	but rain quickly
29	g	Pet. of Mil.	19	16		14	after. SS. ☿ ☿
30			20	14		26	

Mars and Mercury (but unseen) are with the Moon the fourth day, Venus is with her the ninth day.

Saturn gives her a cold visit the 23 day. And Jupiter is with her on the seven and twentieth.

April.

Days of the month.	Sun riseth. Ho.	M.	Sun setteth. Ho.	M.	
1	5	16	6	44	
2	5	14	6	46	
3	5	12	6	48	
4	5	10	6	50	
5	5	8	6	52	
6	5	6	6	54	
7	5	4	6	56	
8	5	2	6	58	
9	5	0	7	0	
10	4	58	7	2	
11	4	56	7	4	
12	4	54	7	6	
13	4	52	7	8	
14	4	50	7	10	
15	4	48	7	12	
16	4	46	7	14	
17	4	45	7	15	
18	4	43	7	17	
19	4	41	7	19	
20	4	39	7	21	
21	4	38	7	22	
22	4	36	7	24	
23	4	34	7	26	Saint GEORGE his day.
24	4	33	7	27	
25	4	31	7	29	
26	4	30	7	30	
27	4	28	7	32	
28	4	26	7	34	
29	4	25	7	35	
30	4	23	7	37	

New moon the 5 day, 12 min. before one in the morn.
First quarter the 11 day, 54 min. past ten at night.
Full moon the 18 day, 19 min. past ten at night.
Last quarter the 26 day, 10 min. past nine at night

1	b		21	11	Aries	9	Fair, & windie
2	c	Athanasius	22	9		27	☌ ☿ ☾ hot
3	d	Invent. Cros.	23	7	Taur.	3	weather.
4	e		24	4		17	□ ☿ ☾
5	f	Gotthardus	25	2	Gem.	1	☌ ☉ ☾
6	g	Joh. port. lat.	26	0		14	Cooler moist.
7		6 sun. aft. East	26	57		28	
8	b		27	55	Canc.	12	Clouds rain
9	c	Nicholaus	28	52		26	☌ ☉ ☾
10	d	Gordianus	29	50	Leo	10	Thunder and
11	e		0 ♊	47		24	wind.
12	f	Pancratius	1	45	Virg.	8	Obscure.
13	g	Servatius	2	42		22	△ ☌ ☾
14			3	40	Libr.	6	Cloudy and
15	b	Sophia	4	37		21	moist.
16	c	Peregrinus	5	34	Scorp.	4	Some wind.
17	d		6	32		18	□ ☿ ☾
18	e	Potent.	7	29	Sag.	2	☌ ☉ ☾
19	f	Dunstan	8	26		15	☌ ☿ ☾
20	g	Bernardine	9	24		28	Thund & wind.
21			10	21	Capr.	11	☌ ♄ ☾
22	b	Craft. Trin.	11	18		23	Hot △ ☌ ☾
23	c	Desiderius	12	16	Aqua.	5	weather.
24	d	Urbanus	13	13		17	Turbulent.
25	e	Corp. Christi	14	10		29	□ ☌ ☾
26	f		15	7	Pisc.	10	☌ ♄ ☾
27	g	Ven. Beda	16	4		22	Rain and
28		1 after Trin.	17	2	Aries	6	wind.
29	b		17	59		17	☌ ☿ ☾
30	c	Gilgandus	18	56		29	Various
31	d	Petronella	19	53	Taur.	12	weather.

Mars is hid close with the Moon the fourth day.
Mercury is with her the sixth day;
Venus is with her on the 8 day.
Saturn on the 21 day: and Jupiter on the 24 day.

May.

Days of the month.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	5	7	55
13	4	4	7	56
14	4	2	7	58
15	4	1	7	59
16	4	0	7	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	8	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	47	8	13
30	3	46	8	14
31	3	46	8	14

New moon the 3 day, 16 min. past 10 before noon.
First quarter the 10 day, 56 min. past 3 in the morn.
Full moon the 17 day 25 min. past ten before noon.
Last quarter the 25 day, 30 min. past one after noon.

1	c	Nichomede	20	50	Taur.	25	Hot and like to
2	f	Marcelline	21	47	Gem.	9	thunder.
3	g	Erasmus	22	45		23	△ ♆ ☾
4		2 after Trin.	23	42	Canc.	7	☌ ☿ ☾
5	b	Quind. Trin.	24	39		22	☌ ♁ ☾
6	c	Artemius	25	36	Leo	6	Fine clear
7	d	Robert Abb.	26	33		21	weather.
8	e	Medard	27	30	Virgo	5	□ ♂ ☾
9	f	Barnimus	28	27		19	Some wind
10	g	Onoph. fast	29	24	Libra	3	and rain.
11		3 aft. Trin.				17	□ ♀ ☾
12	b	Tres Trin.	1	18	Scorp.	1	Cloudy.
13	c	Cyrill	2	16		14	△ ♀ ☾
14	d		3	13		28	☌ ☉ ☿
15	e	Valerius	4	10	Sagit.	11	Tempestuous.
16	f	Vitus	5	7		24	✶ ♆ ☾
17	g	Botolph	6	4	Capr.	6	Hail, dark and
18		4 aft. Trin.	7	1		19	cool.
19	b	Gervase	7	58	Aquar.	1	♆ 21 36 ♒
20	c	K. Edw. tran	8	55		13	△ ♂ ☾
21	d	X. M. Mart.	9	52		25	Wind west.
22	e	Achasius	10	49	Pisces	7	Pleasant fine
23	f	Basil Fast	11	46		19	weather now,
24	g		12	43	Aries	0	and so on to the
25		5 after Trin.	13	40		12	moneths end.
26	b	Jeremias	14	37		25	✶ ♆ ☾
27	c	7 Sleepers	15	34	Taur.	7	✶ ♀ ☾
28	d	Leo Fast	16	32		20	□ ♆ ☾
29	e		17	29	Gem.	4	♄ 5 11 ♍
30	f	Comm. Paul.	18	26		17	Thunder like.

Mars will be with the Moon the first day. Sol is with her the third day.

Venus and Mercury are with her the fourth day; and are unseen as well as Mars. Saturn is with her the 17 day; and Jupiter the 21. Then Mars again the last day.

June.

Days of the month.	Sun rises. Ho.	M.	Sun setting. Ho.	M.
1	3	46	8	14
2	3	46	8	14
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	44	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	43	8	16
16	3	44	8	16
17	3	44	8	16
18	3	44	8	15
19	3	45	8	15
20	3	45	8	15
21	3	45	8	14
22	3	46	8	14
23	3	46	8	14
24	3	46	8	13
25	3	47	8	13
26	3	47	8	12
27	3	48	8	11
28	3	49	8	10
29	3	50	8	9
30	3	51	8	8

New moon the second day, 49 min. past six at night.
First quarter the 9 day. 44 min. past nine before noon.
Full moon the 17 day, 34 min. before one in the morn.
Last quarter the 25 day, 54 min. past three in the morn.

1	g	Theobald	19	23	Canc.	1	A cool and	
2		6 after Trin.	20	20		16	moist ☌ ♄ ♀	
3	b	Cornelius	21	17	Leo	1	aire.	
4	c	Ulricus	22	14		16	☌ ☿ ☾	
5	d	Anselme	23	11	Virgo	0	✶ ♀ ☾	
6	e	Hector	24	9		15	Wind and wet	
7	f	Becket	25	6	Libra	0	weather..	
8	g	Thilianus	26	3		14	△ ☿ ☾ Hotter	
9		7 after Trin.	27	0		28	weather.	
10	b	7 Brethren	27	57	Scorp.	11	△ ♀ ☾	
11	c	Pius	28	55		24	□ ☿ ☾	
12	d	Henricus	29	52	Sagit.	8	♄ 4 19 ♍	
13	e		0	♑ 49		20	✶ ☿ ☾	
14	f	Bonavent.	1	46	Capr.	3	Rain-like.	
15	g	Swithin	2	44		15	☌ ♀ ☾ Some	
16		8 after Trin.	3	41		27	Vc. ☿ ♀ wind.	
17	b	Alexius	4	38	Aquar.	9	☿ 18 5 ♒	
18	c	Rosina	5	35		21	Thunder and	
19	d		6	33	Pisces	3	hail.	
20	e	Margaret	-	30		15	♀ 4 20 ♋	
21	f	Arbogastus	8	27		27	Rain-like.	
22	g	Mary Mag.	9	25	Aries	9	Cool and moist	
23		9 after Trin.	10	22		21	air.	
24	b	Christin. fast	11	20	Taur.	3	Far better wea-	
25	c		12	17		16	ther is promi-	
26	d	Anna	13	15		29	sed.	
27	e	Martha	14	12	Gem.	12	△ ☿ ☾	
28	f	Panthaleon	15	10		25	☌ ♄ ☾	
29	g	Beatrix	16	7	Canc.	10	Thunder-like.	
30		10 after Trin.	17	5		24	☌ ☉ ☿ Very	
31	b	Germanus	18	2	Leo	9	windy.	

Mercury and Venus (though unseen) will be with the Moon in Cancer the first day: and are in Conjunction between themselves the 6 day. Saturn is with her the 14 day, Jupiter the eighteenth, and Mars and Venus on the nine and twentieth.

	Sun rising. Ho.	M.	Sun setting. Ho.	M.	
					July.
1	3	53	8	7	
2	3	54	8	6	
3	3	55	8	5	
4	3	56	8	4	
5	3	57	8	3	
6	3	58	8	2	
7	3	59	8	1	
8	4	0	8	0	
9	4	1	7	59	
10	4	3	7	57	
11	4	4	7	56	
12	4	6	7	54	
13	4	7	7	53	
14	4	8	7	52	
15	4	10	7	50	
16	4	11	7	49	
17	4	13	7	47	
18	4	15	7	45	
19	4	16	7	44	
20	4	18	7	42	
21	4	19	7	41	
22	4	21	7	39	
23	4	22	7	38	
24	4	24	7	36	
25	4	26	7	34	
26	4	27	7	33	
27	4	29	7	31	
28	4	30	7	30	
29	4	32	7	28	
30	4	34	7	26	
31	4	36	7	24	

New moon the 1 day, 34 min. past 1 in the morning.
First quarter the 7 day, 51 min. past 5 after noon.
Full moon the 15 day, 9 minutes past 4 after noon.
Last quarter the 23 day, 19 min. past 4 after noon.
New moon 30 day, 13 min. past 10 before noon.

1	c	Lammas day	19	0	Leo 24		South-west
2	d	Stephanus	19	57	Virg. 9		and by-west
3	e	Dominicus	20	55		24	winds blow, with
4	f	Iriſtarchus	21	53	Libr. 9		great heat and
5	g	Oſwald	22	50		24	thund. the 4 day
6	a	11 after Trin.	23	48	Scor. 8		✶ ♄ ☾
7	b	Victrice	24	46		21	□ ♃ ☾
8	c	Syriacus	25	4	Sagit. 5		Cooler wind.
9	d	Romanus	26	42		17	✶ ♃ ☾ Fair.
10	e	Lawrence	27	39	Capr. 0		Cloudy.
11	f	Tiberius	28	37		12	Rain or thunder.
12	g	Clare	29	35		24	Vc. ♃ ♀
13	a		0 ♒	33	Aqua. 6		Fair weather.
14	b	Euſebius	1	31		18	✶ ♃ ☾
15	c	Aſſump. Mary	2	29	Piſc. 0		Thunder or hail.
16	d	Roch	3	27		12	☌ ☿ ☾
17	e	Hammes	4	25		24	△ ♂ ☾
18	f	Helena	5	23	Aries 6		☒ ♄ ☾ Rain
19	g	Sebaldus	6	21		18	or thunder.
20	a	13 after Trin.	7	19	Taur. 0		△ ♄ ☾
21	b	Cyriaca	8	17		12	Dry winds.
22	c	Symphronia	9	16		25	✶ ♂ ☾
23	d	Zacheus Faſt	10	14	Gem. 8		Good for
24	e		11	12		21	harveſt.
25	f	Lewis	12	10	Canc. 3		Windy and
26	g	Irenæus	13	9		18	then ſtormy
27	a		14	7	Leo 3		weather
28	b	Auguſtine	15	5		17	follows.
29	c	Decol. I. B.	16	4	Virg. 2		△ ♄ ☾
30	d	Felix preſb.	17	2		18	☌ ☉ ☽
31	e	Paulinus	18	1	Libra 7		□ ♄ ☽

Mercury (hid under the Suns beams) is with the Moon the first day. Saturn is with her on the 10 day. Jupiter the fourteenth.

Mars and Venus on the 27.

And Mercury again on the last day.

Auguſt.

Days of the month.	Sun riſing. Ho. M.	Sun ſetting. Ho. M.
1	6 37	7 23
2	6 39	7 21
3	6 41	7 19
4	6 43	7 17
5	6 44	7 16
6	6 46	7 14
7	6 48	7 12
8	6 50	7 10
9	6 52	7 8
10	6 54	7 6
11	6 56	7 4
12	6 57	7 2
13	7 0	7 0
14	7 2	6 58
15	7 4	6 56
16	7 6	6 54
17	7 8	6 52
18	7 10	6 50
19	7 12	6 48
20	7 14	6 46
21	7 16	6 44
22	7 18	6 42
23	7 20	6 40
24	7 22	6 38
25	7 24	6 36
26	7 26	6 34
27	7 28	6 32
28	7 30	6 30
29	7 32	6 28
30	7 34	6 26
31	7 36	6 24

First quarter the 6 day, 21 min. past 5 in the morn.
Full moon the 14 day, 40 min. past 8 in the morn.
Last quarter the 22 day, 11 min. past 3 in the morn.
New moon the 28 day, 51 minutes past 6 at night.

1	f	Giles ab.	18	59	Libra	18	Some Bq. ☉ ♃
2	g	Veronica	19	58	Scorp.	3	□ ♂ ☾ Wind
3		15 after Trin.	20	56		17	□ ♃ ☾
4	b	h Deodosia	21	55	Sagit.	1	Hot △ ♂ ☾
5	c	Zacharias	22	53		14	✱ ♃ ☾
6	d	Magnus	23	52		27	Cooler moist and
7	e	Regina	24	51	Capr	9	cloudy.
8	f	Nat. of Mary	25	50		21	□ ☿ ☾
9	g	Gorgonius	26	48	Aquar.	3	☍ ♂ ☾
10		16 after Trin.	27	47		15	Temperate
11	b	Fel. & Reg.	28	46		27	weather.
12	c	Guidon	29	45	Pisces	9	Bq. ♄ ♂
13	d		0 ♎	44		21	♀ ♀ ☿ *ferè.*
14	e	Holy Cross	1	43	Aries	3	Cloudy, moist,
15	f	Nichodemus	2	42		15	and cool.
16	g	Euphemia	3	41		27	☍ ☿ ☾
17		17 after Trin.	4	40	Taur.	9	Troubled seas,
18	b	Ferreolus	5	39		22	and thunder.
19	c	Januarius	6	38	Gem.	4	△ ☉ ☾
20	d	Fast	7	37		17	Fair weather,.
21	e		8	37	Canc.	0	☍ ♄ ☾
22	f	Mauritius	9	36		14	□ ☉ ☾
23	g	Esdras	10	35		27	□ ☿ ☾
24			11	35	Leo	11	Warm windy
25	b	Cleophas	12	34		26	weather.
26	c	Cyprian	13	33	Virg.	11	✱ ☿ ☾
27	d	Cos. & Dam.	14	33		26	□ ♄ ☾
28	e	Wenceslaus	15	32	Libra	11	□ ♃ ☾
29	f		16	32		26	✱ ♄ ☾
30	g	Hierom	17	31	Scorp	11	Cool wind.

Saturn will be with the Moon the 6 day.
Jupiter is with her the 10 day.
Mars is with her on the 24 day.
Venus on the twenty fifth.
And Mercury on the last day, 6 degrees from the Sun.

September.

Days of the month	Sun riseth. Ho.	M.	Sun setteth. Ho.	M.
1	5	37	6	23
2	5	39	6	21
3	5	40	6	20
4	5	42	6	18
5	5	44	6	16
6	5	46	6	14
7	5	48	6	12
8	5	50	6	10
9	5	52	6	8
10	5	54	6	6
11	5	56	6	4
12	5	58	6	2
13	6	00	6	0
14	6	2	5	58
15	6	4	5	56
16	6	6	5	54
17	6	8	5	52
18	6	11	5	49
19	6	13	5	47
20	6	15	5	45
21	6	17	5	43
22	6	20	5	40
23	6	22	5	38
24	6	24	5	36
25	6	26	5	34
26	5	28	5	32
27	6	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

October hath xxxi days.

First quarter the 5 day, 57 min past 8 at night.
Full moon the 14 day, 18 minutes past 1 in the mern.
Last quarter the 21 day, 33 minutes past noon.
New moon the 28 day, about 5 in the morning.

1	☽	19 after Trin.	18	31	Scorp.	25	☌ ☿ ☿	Moist
2	b	Leodegar	19	30	Sag.		9	weather.
3	c	Maximian	20	30			22	Some wind.
4	d	Francis	21	30	Capr.	5		Cloudy cool.
5	e	Galla vidua	22	29			18	Warmer.
6	f	Faith virg.	23	29	Aqua.	0		Windy and
7	g	Marcellus	24	29			12	fair.
8	☽	20 after Trin.	25	29			24	△ ☉ ☾
9	b	Dyonisius	26	29	Pisc.		6	Windy and
10	c	Gedeon	27	29			17	wet.
11	d	Burchard	28	29			29	Cloudy.
12	e	Wilfoid	29	29	Aries	11		Better weather
13	f	Sun in Scorp.	☍	29			24	follows
14	g	Calixtus	1	29	Taur.	6		now.
15	☽	1 after Trin.	2	29			19	△ ☿ ☾
16	b	Gallus	3	29	Gem.	1		□ ♂ ☾
17	c	Florentius	4	29			14	Fair cool
18	d	Luke Evang.	5	29			27	cloudy.
19	e	Ptolome	6	29	Canc.	11		☽ ☊
20	f	Tres Mich	7	29			24	□ ☿ ☾ Wind
21	g	Ursula	8	30	Leo		8	and wet.
22	☽	22 after Trin.	9	30			23	Warm.
23	b	Severinus	10	30	Virg.	6		Term begins
24	c	Salome	11	31			20	Fair Weather.
25	d	Crispinus	12	31	Libra	5		Rain-like.
26	e	Amandus	13	31			20	Great wind
27	f	Mens. Mic. fast	14	32	Scorp.	4		and slabby
28	g	Michael Arch.	15	32			19	weather.
29	☽	23 after Trin.	16	33	Sag.		3	Warmer
30	b	Theonestus	17	33			17	and milder.
31	c	Wolfg. Fast	18	34	Capr.	0	♂ ♄ ☾	

Days of the month | Sun rising | Ho. M
1 6 3
2 6 4
3 6 4
4 6 4
5 6 4
6 6 4
7 6
8 6
9 6
10 6
11 6
12 7
13 7
14 7
15 7
16 7
17 7
18 7
19 7
20 7
21 7
22 7
23 7
24 7
25 7
26 7
27 7
28 7
29 7
30 7
31 7

Saturn is with the Moon the fourth day.
Jupiter on the seventh.
Mars on the three and twentieth.
Venus on the five and twentieth.
Mercury (but hid) on the 26.
And Saturn again on the 31.

October.

Days of the month	Sun rising. Ho. M.	Sun setting. Ho. M.
1	6 39	5 21
2	6 41	5 19
3	6 43	5 17
4	6 45	5 15
5	6 47	5 13
6	6 49	5 11
7	6 50	5 10
8	6 52	5 8
9	6 54	5 6
10	6 56	5 4
11	6 58	5 2
12	7 0	5 0
13	7 2	4 58
14	7 4	4 56
15	7 6	4 54
16	7 8	4 52
17	7 10	4 50
18	7 12	4 48
19	7 14	4 46
20	7 15	4 45
21	7 17	4 43
22	7 19	4 41
23	7 20	4 40
24	7 22	4 38
25	7 24	4 36
26	7 25	4 35
27	7 27	4 33
28	7 29	4 31
29	7 30	4 30
30	7 32	4 28
31	7 33	4 27

First quarter the 4 day, 16 minutes past 4 after noon.
Full moon the 12 day, 28 minutes past five at night.
Last quarter the 19 day, 57 min. past 8 at night.
New moon the 26 day, 40 minutes past 5 at night.

1	D		19	35	Capr.	13	✶ ☉ ☾	
2	E	All souls	20	35		26		
3	F	Craſt. anim.	21	36	Aqua.	8	Wind and	
4	G	Modeſtine	22	37		20	ſtorms.	
5			23	37	Piſc.	1	✶ ♄ ☾	
6	b	Leonard	24	38		14	☌ ♂ ☾	
7	c	Florentius	25	39		26	Like to freez.	
8	D	Claudius	26	40	Aries	8	□ ♄ ☾	
9	E	Theodorus	27	40		20	Rain-like.	
10	F	Eraſtus	28	41	Taur.	2	Some wind.	
11	G	Martin biſh.	29	42		15	Sleet.	
12		25 after Trin.	0 ♆	43		28	Cold and	
13	b	Brice	1	44	Gem.	11	cloudy.	
14	c	Frederick	2	45		24	Moiſt air.	
15	D	Leopoldus	3	46	Canc.	7	Cold. ☌ ♄ ☾	
16	E	Edmond dep.	4	47		21	△ ☿ ☾	
17	F	Antanus	5	48	Leo	5	△ ☉ ☾	Rain
18	G	Octab. Mart.	6	49		18	or ſnow.	
19		26 after Trin.	7	50	Virg.	2	✶ ♀ ☾	
20	b	Agapine	8	51		17	☌ ♂ ☾	
21	c	Oblat. Mart.	9	52	Libra	1	Cool and	
22	D	Cecilia	10	53		15	moiſt. Wind.	
23	E	Clemens	11	54		29	✶ ♄ ♀	Snow
24	F	Chryſog.	12	55	Scorp.	14	or rain.	
25	G	Quind. Mart.	13	56		28	Cold.	
26		27 after Trin	14	57	Sag.	12	Rain-like.	
27	b	Agricola	15	58		25	□ ♂ ☾	
28	c		17	0	Capr.	8	Freezing.	
29	D	Saturn Faſt	18	1		21	✶ ☉ ♃	Some
30	E		19	2	Aquar.	4	wind.	

Jupiter and the Moon meet on the third day.
Mars is with her on the 20 day.
Venus on the 24 day. Mercury (but unseen) on the 26 day.
And Saturn on the eight and twentieth.

Days of the month	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	20
5	7	43	4	18
6	7	45	4	16
7	7	47	4	15
8	7	49	4	13
9	7	51	4	11
10	7	52	4	10
11	7	54	4	8
12	7	55	4	6
13	7	57	4	5
14	7	58	4	3
15	7	59	4	2
16	7	0	4	1
17	8	1	3	0
18	8	2	3	59
19	8	3	3	58
20	8	4	3	57
21	8	5	3	56
22	8	6	3	55
23	8	7	3	54
24	8	8	3	53
25	8	9	3	52
26	8	10	3	51
27	8	11	3	50
28	8	12	3	49
29	8	12	3	48
30	8	13	3	47

November.

December hath xxxi days.

First quarter the 4 day, 52 min. past one after noon.
Full moon the 12 day, 27 min. past 8 in the morning.
Last quarter the 19 day, 58 min. past 8 in the morning
New moon the 26 day, 6 min. past 9 before noon.

1	f	Eligius	20	3	Aqua.	16	Till the 4 or 5
2	g	Candida	21	4		28	days right win-
3	♃	Advent sund.	22	6	Pisc.	10	ter weather.
4	b	Barbara	23	7		22	
5	c	Sabine	24	8	Aries	4	□ ☉ ♂
6	d	Nicholaus	25	9		16	□ ♄ ☾
7	e	Ambrose bish	26	11		28	Rain-like.
8	f	Concep. Mary	27	12	Taur.	10	△ ♄ ☾
9	g	Joachim	28	13		23	Rain or snow.
10	♃	2 sun. in Adv.	29	14	Gem.	6	Fair and
11	b	Sun in Capr.	0 ♑	16		19	△ ♃ ☾ good.
12	c	Epimachius	1	17	Canc.	2	Snow-like.
13	d	Lucy virg.	2	18		16	☍ ♄ ☾ Like
14	e	Nicasius	3	20	Leo	1	✶ ♂ ☾ to
15	f	Abraham	4	21		15	be frosty.
16	g	O Sapientia	5	22		29	△ ☉ ☾
17	♃	3 sun. in Adv	6	24	Virgo	13	△ ☿ ☾
18	b	Christopher	7	25		28	Cold abated.
19	c	Nemesius	8	26	Libr.	12	□ ♄ ☾
20	d	Emb. w. Fast	9	28		26	△ ♃ ☾
21	e	Thomas Ap.	10	29	Scorp.	10	Frost and
22	f	Theodosius	11	30		23	snow.
23	g	Victor Fast	12	31	Sagit.	7	✶ ♂ ☾
24	♃	Ordination	13	33		20	Snow or rain.
25	b	Christmas d.	14	34	Capr.	4	□ ♂ ☾
26	c	S. Stephen	15	35		17	Cloudy cold.
27	d	S. John Ev.	16	36		29	☌ ☿ ☾ Some
28	e	Innocentes d.	17	38	Aqua.	12	wind.
29	f	Thom. Bec.	18	39		24	Fair and like to
30	g	David	19	40	Pisc.	6	be ✶ ♄ ☾
31	♃	1 sund. aft. Ch.	20	42		18	frosty.

Jupiter gives the Moon a visit on the first day. Mars is with her on the 18 day. Venus on the 24 day. Saturn on the 26 day, but unseen. Mercury is with her on the 27 day, but the Sun hides him. And on the 29 day Jupiter again is with her.

December.

Days of the month	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	8	13	3	47
25	8	12	3	48
26	8	11	3	49
27	8	10	3	50
28	8	9	3	51
29	8	8	3	52
30	8	7	3	53
31	8	6	3	54

Of the Eclipſes this year.

THere will be five Eclipſes this year; three of the Sun, and two of the Moon.

Thoſe of the Moon onely will be viſible to us. The firſt whereof is on Saturday, the one and twentieth day of January. It beginneth at 54 minutes paſt 4 in the morning: the greateſt darkneſs is at ſix; and the end or full recovery of light, is at ſix minutes paſt 7. So that the whole time (from firſt to laſt) is two hours and 12 minutes: and the Digits or parts eclipſed) are four & 53 minutes, the Luminary eclipſed being in twelve degrees and ſome minutes of Leo.

The next is a very ſmall Eclipſe, and beginneth on Sunday, the ſixteenth of July, 47 minutes paſt eleven at night. The middle time of it is at ſix minutes paſt twelve, and by 19 minutes more it will be quite over: ſo that the end of it is at 25 minutes paſt twelve, and the whole time (from firſt to laſt) is but half an hour and 8 minutes.

The Sun enters Aries this year in the very end of the ninth day of March.

He enters Cancer on the eleventh day of June, 50 minutes paſt two in in the morning.

He enters Libra on the twelfth day September, 56 minutes paſt five after noon.

And laſt of all, he enters Capricorn on the eleventh day of December, 39 minutes paſt five in the morning.

Of

Of the time of the year when the world began, further declared.

That the world began in Autumn, is of late the opinion of many, both Divines and Chronologers. And yet of old the ancient Fathers (Eusebius, Basil, Athanasius, Ambrose, Cyril of Jerusalem, Augustine, Nazianzene, Damascen, Bede, Isidore, &c.) were perswaded otherwise. Yea, in a Synod holden in Palestine by Theophilus Bishop of Cesarea, it was agreed that the world was made in the Spring. Nor is that but a great question betwixt two famous Rabbins: For though the Rabbins (for the most part) be for Autumn; yet R. Jona maintains the contrary, against Eleazar another great Rabby, who contends for Autumn. True it is that the year of Jubilee began always at the Autumn: howbeit, the first moneth of the year was to be reckoned from the Spring, which is as Moses saith to the Israelites, Exod. 12. 2. This shall be to you the beginning of moneths: as if he had said, Though whilest you were in Egypt you followed another reckoning, yet it was divers from that which ye had at the first: for This is to you the beginning of Moneths, or the natural head of the year. Nor did the Chaldeans, with whom Abraham lived a long time, reckon otherwise. And successively since, Astrologers have accounted the revolutions of the world from the Vernal equinor, at the Suns entrance into the first scruple of Aries.

A perfect Table whereby (if you know but the Golden number and Sunday letter) you may finde Easter day for ever.

Mr. ſtandeth for *March*, and *Ap.* for *April*.

G.N.	A	B	C	D	E	F	G
1	*Ap.* 9	10	11	12	6	7	8
2	*Mr.* 26	27	28	29	30	31	*Ap.* 1
3	*Ap.* 16	17	18	19	20	14	15
4	*Ap.* 9	3	4	5	6	7	8
5	*Mr.* 26	27	28	29	23	24	25
6	*Ap.* 16	17	11	12	13	14	15
7	*Ap.* 2	3	4	5	6	*Mr.* 31	*Apr.* 1
8	*Ap.* 23	24	25	19	20	21	22
9	*Ap.* 9	10	11	12	13	14	8
10	*Ap.* 2	3	*Mr* 28	29	30	31	*Apr.* 1
11	*Ap.* 16	17	18	19	20	21	22
12	*Ap.* 9	10	11	5	6	7	8
13	*Mr.* 26	27	28	29	30	31	25
14	*Ap.* 16	17	18	19	13	14	15
15	*Ap.* 2	3	4	5	6	7	8
16	*Mr.* 26	27	28	22	23	24	25
17	*Ap.* 16	10	11	12	13	14	15
18	*Ap.* 2	3	4	5	*Mr.* 30	31	*Apr.* 1
19	*Ap.* 23	24	18	19	20	21	22

Finde the Golden Number on the ſide, and the Sunday letter on the top, and their common angle of meeting ſhews you that you ſeek for.

Example. In this year 1665 the Golden number is 13, and the Sunday letter A. I finde 13 on the ſide, and carry my finger ſtrait on from thence till I come under the letter A which ſtands on the top: and to doing I finde Easter Day this year to be March the 26. The like order is for any other year.

A Table for 28 years to finde the Cycle of the Sun, Dominical Letter, and Leap-year.

year of the Lord.	Cycle of the sun.	Sund. letter
1657	14	D
1658	15	C
1659	16	B
1660	17	A.G
1661	18	F
1662	19	E
1663	20	D
1664	21	C.B
1665	22	A
1666	23	G
1667	24	F
1668	25	E.D
1669	26	C
1670	27	B
1671	28	A
1672	1	G.F
1673	2	E
1674	3	D
1675	4	C
1676	5	B.A
1677	6	G
1678	7	F
1679	8	E
1680	9	D.C
1681	10	B
1682	11	A
1683	12	G
1684	13	F.E

A Table for 28 years to find the Golden number and Epact.

year of the Lord.	Golden Number	Epact.	year of the Lord.
1657	5	25	1676
1658	6	6	1677
1659	7	17	1678
1660	8	28	1679
1661	9	9	1680
1662	10	20	1681
1663	11	1	1682
1664	12	12	1683
1665	13	23	1684
1666	14	4	1685
1667	15	15	1686
1668	16	26	1687
1669	17	7	1688
1670	18	18	1689
1671	19	29	1690
1672	1	11	1691
1673	2	22	1692
1674	3	3	1693
1675	4	14	1694

Seek the year of the Lord wherein you desire to be satisfied, and you shall find placed directly against it that which you look for. And thus you must do in both tables.

A brief deſcription of the World, ſhewing what it is, and of what parts it conſiſteth; together with other things well worthy of obſervation.

THe World may not unfitly be termed a large theatre of the Heavens and earth: wherein are contained all bodies both ſimple and mixt. The Greeks call it κόσμος, the Latines *Univerſitas* or *Mundus*; all ſignifying with us the *World*. It conſiſteth of two onely parts, the one Elemental, and the other Celeſtial:

The Elemental part contains the four Elements, as Fire, the Air, the Water, the Earth.

The Celeſtial part contains ſeven ſeveral orbs for the Planets, and one for the fixed ſtars: above which is the Chriſtalline heaven, the firſt mover, (which once in 24 hours carries the other round about the earth;) and laſt of all the Emperial heaven, the habitation for Saints & Angels, with all the reſt of Gods elect. Within this celeſtial part, not theſe onely are contained, but alſo the elemental part it ſelf, and whatſoever it containeth: within the midſt of his concavity, by the divine providence of God, hangs this dark and groſs bodie of the earth, upon which we mortals live; and in reſpect of the glorious heavens, we ſhould ſcarce ſo much as fix our eyes upon it: For God hath made us, not as other creatures, with a dejected countenance; but, *Os homini ſublime dedit*, he hath given to man a lofty and an erect countenance, as the heathens themſelves could diſcern, though they had no right knowledge of the true God. Amongſt whom Plato (the moſt divine amongſt them) affirmed, that the chief cauſe why men had eyes given them, was to behold the heavens, an admired ſpectacle of Gods Workmanſhip. For though there

there be other ends for which we have our senses, yet without question this is one, and a main one, to consider the glorious part of Gods creation, and to search into the abstruse mysteries thereof, for God hath made nothing in vain, hath not made those glorious bodies onely to be gazed at, but to be searched into; there being none of the humane sciences that draw us so near to God: so that Ptolomy, not unworthily, in the beginning of his Almagest affirmeth, *Hanc unam scientiam esse viam ac semitam ad sciendum Deum altissimum*: which being understood, *cum grano salis*, will not be much different from the minde of *Paul*, Rom. 1. 20. *For the invisible things of God, &c. are seen by the creation of the world*: in which place as all things created are understood, so especially it should seem the celestial bodies to be intended: for these with their beauty, magnitude, and multitude; and with the perpetual stability, and wonderfull variety of their invariable motions and effects, do in a marvellous manner commend the wisdome and goodness of the glorious God, and do exceeding much draw us ro the admiration, love, and knowledge of him; according to that excellent testimony of the kingly Prophet, *The heavens declare the glory of God, and the firmament sheweth his handie-work*. And again, *There is neither speech nor language but their voice is heard among them*, Psal. 19. 1, 2. And in Wisd. 13 4, 5. saith Solomon *But if they were astonished at their power and vertue, let them understand by them; how much mightier he is that made them. For by the greatness and beauty of the creatures, proportionably the Maker of them is seen.* And from hence sure it is that the Sideral science is by some, not unfitly, called Natural Theologie. Solid orbs and comets to be in the sublunary region, have been maintained by many, both elder and later; yet by the infallible observations and unparallel'd instruments, joyned with the unwearied assiduity, and almost invaluable expence of the Tres-noble *Tycho*, they have been found altogether false.

A plain and easie Table shewing the true interest due upon any sum of money from five shillings to an hundred pounds for a year or under, after the rate of six pounds in the hundred.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
	sh.	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*
1 Shill.	5	0	0 1	0	0	3	0	1	3	0	2	2	0	3	2
	10	0	0 2	0	1	3	0	3	2	0	5	2	0	7	0
	15	0	0 3	0	2	2	0	5	1	0	8	0	0	10	2
Pounds.	1	0	1 0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2 1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3 2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4 3	1	2	1	2	4	2	3	6	3	4	9	0
	5	0	6 0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7 0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8 1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9 2	2	4	2	4	9	1	7	1	3	9	6	3
	9	0	10 3	2	8	1	5	4	2	8	0	3	10	9	0
1 Tens of pounds.	*po.*	*sh.*	*p.*	*po.*	*sh.*	*p.*	*po.*	*sh.*	*p.*	*po.*	*sh.*	*p.*	*po.*	*sh.*	*p.*
	10	0	1 0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2 0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3 0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4 0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5 0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6 0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7 0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8 0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9 0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10 0	1	10	0	3	0	0	4	10	0	6	0	0

A table of the increasing and decreasing of the days according as they either lengthen or shorten.

Days	*January* ho.	m.	*February* ho.	m.	*March* ho.	m.	*April* ho.	m.	*May* ho.	m.	*June* ho.	m.
2	0	30	2	10	3	58	6	4	7	52	9	0
4	0	34	2	16	4	6	6	12	7	58	9	3
6	0	38	2	22	4	14	6	20	8	4	9	5
8	0	44	2	30	4	22	6	26	8	10	9	7
10	0	48	2	38	4	30	6	34	8	18	9	8
12	0	52	2	44	4	38	6	42	8	22	9	8
14	1	0	2	52	4	46	6	50	8	26	0	0
16	1	8	3	0	4	54	6	56	8	32	0	2
18	1	14	3	8	5	2	7	2	8	36	0	3
20	1	22	3	16	5	10	7	8	8	40	0	5
22	1	30	3	24	5	18	7	16	8	44	0	8
24	1	38	3	32	5	26	7	22	8	48	0	12
26	1	46	3	40	5	36	7	30	8	52	0	16
28	1	52	3	50	5	44	7	38	8	55	0	20
30	1	00		05		52	7	44	8	57	0	24

Days decrease.

Days	*July* ho.	m.	*August* ho.	m.	*Septemb.* ho.	m.	*Octob.* ho.	m.	*Novemb.* ho.	m.	*Decemb.* ho.	m.
2	0	22	1	52	3	50	5	52	7	46	9	0
4	0	26	2	0	3	58	6	0	7	54	9	3
6	0	30	2	6	4	6	6	6	8	0	9	5
8	0	34	2	12	4	14	6	16	8	8	9	7
10	0	40	2	18	4	22	6	24	8	16	9	8
12	0	42	2	26	4	30	6	30	8	20	9	8
14	0	48	2	34	4	38	6	38	8	24	0	0
16	0	54	2	42	4	46	6	46	8	28	0	1
18	1	0	2	48	4	54	6	52	8	32	0	3
20	1	8	2	56	5	2	6	58	8	36	0	5
22	1	14	3	4	5	10	7	4	8	40	0	8
24	1	20	3	21	5	18	7	12	8	44	0	12
26	1	26	3	20	5	26	7	20	8	48	0	16
28	1	34	3	28	5	36	7	26	8	52	0	20
30	1	42	3	37	5	44	7	34	8	56	0	24

Days increase.

Of the four Seasons of the year, and of the diseases incident to them as they vary from their natural temper.

And first of the Spring.

THe wished and the welcome Spring takes its beginning with the Suns entrance into Aries: which will be this year on the ninth day of March, at six of the clock at night; at which time the dayes and nights are of equal length. This season is naturally hot and moist: But if it so vary from this natural temper as that it be windy and dry, then is it bad for old folks and child-bearing women. If very wet, expect dangerous Agues the Summer following, with Apostumes, Phrenzies, and the like. But if very cold and wet, with many South-winds, it is likely to breed dangerous and infectious diseases.

Of Summer.

WHen the Summer quarter is dry and full of North-winds, and the Autumn after is rainy, and South-winds common in it, then look for Coughs, Rheumes, Hoarsness, and in some, Consumptions, as also great pains in the head towards the winter after. This quarter begins with the Suns entrance into Cancer on the tenth day of June, at nine of the clock at night. The dayes are now with us at and about Cambridge, 16 hours and 34 min. long, and the nights like unto the shortest dayes in Winter, onely 7 hours and 26 minutes.

Of

Of Autumn.

When this ſeaſon is dry and full of North winds, then ſhall men and women who are of moiſt complexion, be in beſt health: But men of other natures and complexions, ſhall be diſabled with divers dry diſeaſes, with long & ſharp Feavers, and other melancholy griefs. This quarter begins on the 12 of September, ſix minutes paſt noon. And now are the dayes and nights again of equal length, the Sun then entring Libra.

Of Winter.

The winter quarter begins on the 10 day of December, at 47 min. paſt eleven at night: at which time the dayes are as ſhort as the nights were in the Summer: for now the Sun enters Capricorn, which is the Signe oppoſite to Cancer. If the winter be dry and full of South-winds without froſts, it bringeth pains in the breaſt, coſtiveneſs in the belly, ſtopping in the urine, exulcerations, with inflammations and ſharpneſs of urine. This is that quarter which is naturally like to old age, in which mans radical moiſture (like oyl in a lamp) being extinguiſhed, death addeth a period to his dayes, like winter ſtorms which kill weak herbs, and old decayed plants.

And therefore man thou art but like to graſs,
Which ſpringing up with ſyth may chance be crope;
Before the Summer of thy age do paſs,
Or Autumns leaves from fading trees be drope;
Yet is thy hap, if that thou liv'ſt thus long,
Age like the Swan, will ſing thy dying ſong.

A Table of the Essential Dignities of the Planets, according to *Ptolomy*.

Signes	Houſ. of the Planets.	Exaltation.	Triplicity of the Planets. Di.	Noc.	The Terms of the Planets.					The faces of the Planets.			Detriment.	Fall.
♈	♂ D	☉ 19	☉	♃	♃ 6	♀ 14	☿ 21	♂ 26	♄ 30	♂ 10	☉ 20	♀ 30	♀	♄
♉	♀ N	☽ 3	♀	☽	♀ 8	☿ 15	♃ 22	♄ 26	♂ 30	☿ 10	☽ 20	♄ 30	♂	
♊	☿ D	☊ 3	♄	☿	☿ 7	♃ 14	♀ 21	♄ 25	♂ 30	♃ 10	♂ 20	☉ 30	♃	
♋	☽ N D	♃ 15	♂	♂	♂ 6	♃ 13	☿ 20	♀ 27	♄ 30	♀ 10	☿ 20	☽ 30	♄	♂
♌	☉ N D		☉	♃	♄ 6	☿ 13	♀ 19	♃ 25	♂ 30	♄ 10	♃ 20	♂ 3	♄	
♍	☿ N	☿ 15	♀	☽	☿ 7	♀ 13	♃ 18	♄ 24	♂ 30	☉ 10	♀ 20	☿ 30	♃	♀
♎	♀ D	♄ 21	♄	☿	♄ 6	♀ 11	♃ 19	☿ 24	♂ 30	☽ 10	♄ 20	♃ 30	♂	☉
♏	♂ N		♂	♂	♂ 6	♃ 14	♀ 21	☿ 27	♄ 30	♂ 10	☉ 20	♀ 30	♀	☽
♐	♃ D	☊ 3	☉	♃	♃ 8	☿ 14	☿ 19	♄ 25	♂ 30	☿ 10	☽ 20	♄ 30	☿	
♑	♄ N	♂ 28	♀	☽	♀ 6	☿ 12	♃ 19	♂ 25	♄ 30	♃ 10	♂ 20	☉ 30	☽	♃
♒	♄ D		♄	☿	♄ 6	☿ 12	♀ 20	♃ 25	♂ 30	♀ 10	☿ 20	☽ 30	☉	
♓	♃ N	♀ 27	♂	♂	♀ 8	♃ 14	☿ 20	♂ 26	♄ 30	♄ 10	♃ 20	♂ 30	♀	☿

Obſervations concerning the change of weather.

Signs of fair weather.

The Sun riſing and ſetting clear; The Moon clear three dates after the Change, or three dates before the Full; Spots appearing in a Full Moon; Towards Sun-ſetting clouds with golden edges; A cloudy skie clearing againſt the wind; The Rein-bow appearing onely meanly red and yellowiſh, A red Evening with a gray morning; The Crow crying betimes in the morning, Any of theſe are uſuall ſignes of fair weather.

Signes of rain.

When the Sun in his riſing is hid by a black cloud; when the moon within 3 or 4 days after the Change is blunt on both horns; A rain-bow appearing in a fair day, the greener the more rain; The extraordinary chattering of the Pie, The often twitting of the Owl; The ſcreaming of the Peacocks, Cattel licking their hoofs behinde; when the biggeſt ſtars onely appeare, and that miſtily; Lute or Viol ſtrings cracking when they are not touched, Any of theſe are uſuall ſignes of rain.

Signes of wind.

Red clouds in a morning; Often ſhooting of ſtars, Clouds flying ſwift in a clear aire; The rain-bow red; Black circles with red ſtrikes about the Sun or Moon; Stars dimbe and fiery: But it is a ſigne of wind and ſhowers, when the ſun-beams appear before the ſun riſeth; or if the ſun ſet pale, or be incloſed with a black circle when he is near the time of his ſetting.

Signs of hot weather.

MAny Rats flying abroad sooner then ordinary; A white mist arising out of moors, or waters, before sun rise, or after sun-setting; Kites flying high in the air; Crows, or Ravens gaping against the sun; Store of flies playing in the sun-shining towards night.

Signes of cold weather; of Frost, of Snow and of Hail.

CLouds flying low, seeming to touch the tops of hils, are signes of cold weather; Great heaps of small birds gathered together in the beginning of winter, do foretell either cold storms, or frosty weather. If in the winter the sun shine clear towards night, & redder then before, any cold winde blowing, expect a frost; The extraordinary twinckling of the stars foretelleth an hard frost; Clouds upon heaps like rocks, in summer hail, but in winter snow; An obscure circle about the sun or moon in the winter, or a sudden overcasting of the aire, is a very likely token of snow.

Signes of drought.

STars seeming dim and fiery red, do signifie either drought, or winde, or both.

Signes of the continuance of a frost, and of thawing.

SNow falling in the beginning of a frost, if it fall very small, then is the weather colder, and the frost like to hold: but if the snow fall big, & in great flakes, then is it like to thaw very suddenly: other signes of a thaw may be the sudden turning of the winde, especially into the South.

Other

Other obſervations to foreknovv the ſtate of the year.

ORiganus noteth, that the eighth of *June* (being *dies Medardi*) is held to be a Critical day by reaſon of the doubtfull conſtitution of the aire, which the ſtars of the nature of *Venus* and *Mercury* then make: inſomuch that if it be a rainy day, it foretelleth a wet & rainy harveſt or hay-time: if fair, the contrary: Which obſervation (ſaith he) although it doth not alwayes hold, yet doth it ſeldome altogether fail.

The ſame authour alſo ſaith, that the ſecond of *July* (when the firſt ſtar in the girdle of *Orion* riſeth with the Sun in the 19 degree of *Cancer*) is likewiſe a Critical day, inſomuch that if it rain on the firſt (or ſecond rather) of *July*, it oftentimes doth (more or leſs for four weeks together.

The ſame authour ſaith again, that if the 24 of *Auguſt* be fair and clear, then do the husbandmen hope for a good and proſperous Autumn to ſucceed that year.

The firſt of *September* is alſo ſaid to be Critical to the Huntſmen in their obſervation: for firſt, (but the rule doth not alwayes hold) if it rain not on this day, the reſt of Autumn is like to be dry. Secondly, if the Bucks and Does be hardly brought to copulation, then ſhall be a backward winter: and ſo on the contrary. *Ptolomy* (to whom *Stadius* aſſenteth) ſaith, That as the ſwallows begin not at all to appear before the tenth day of *March*, ſo after the twelfth of *September*, they be ſeen that year no more

It is common among the countrey people, to judge of the following winter by the quarter wherein the winde ſhall be on the firſt of *November*. But that which is more obſervable is the ſecond of *November*, which to the Arabian Aſtrologers was a Critical day, from whence they could know ſomething in general concerning the diſpoſition of the aire in rain, thunder and lightning. For if *Jupiter*, *Venus*, and *Mercury* were then Occidental, or retrograde, they judged much rain to be in that year. They alſo had an eye to *Saturn* and *Mars*, whether

whether of them were the ſtronger; as alſo what ſociety they had with the other Planets, chiefly with *Mercury*; that ſo they might judge the better concerning the following changes of the aire.

On the tenth of *November* (being the eve of S. *Martin*) the *Germanes* uſe to feaſt themſelves with geeſe; and as *Olaus Magnus* reporteth, the Northern people uſe by the breaſt-bone thereof to prognoſticate of the following winter. For if the breaſt-bone of the gooſe be fair and clear when the fleſh is eaten off, the winter is like to be cold and rigid, full of hard froſts. But if it be thick and dark, then is the winter like to be full of ſnow, rain and ſleet, and yet warm enough. But that this ſhould be a token of ſuch a prognoſtick, *Origanus* doubteth.

Some take a further knowledge of the ſtate or qualitie of the year, after this manner. Firſt (ſay they) in the end of Harveſt cut open two or three oak-apples, looking whether there be in them either flies, worms, or ſpiders; and if in the oak-apple be found worms or magots, then they ſignifie dearth and ſcarcitie that year. Or if in the oak-apple cut open be found like to flies, it is a ſigne of ſome battel to enſue that year. Or if in the oak-apple be found like to ſpiders, then do they fore-ſhew plague or peſtilence to follow that year. From which, and the like calamities, *Good Lord deliver us.*

Some perhaps may think this to be but a ſuperſtitious obſervation; but they are ſimple and fooliſh not to know, that this proceedeth from the conſtitution of the aire; which (whether wholeſome or unwholeſome) appeareth more ſubtilly in ſuch things as theſe, then to the ſenſe of man it either doth or can. And if the aire be corrupted, putrefaction abounds, things growing are blaſted, the humours altered, bloud corrupted, and diſeaſes equivalent produced, as alſo the minde of man inclined to ſuch and ſuch actions as agree thereunto.

Other

Other profitable inſtructions right neceſſary for husbandmen to know.

And firſt of Sheep.

IF a Ram be fierce and will not be tamed, catch him and bore a hole through his horn neare his eare.

If when he covereth the ew the wind blow out of the South, then commonly he begetteth a ſhe-lamb: but if it blow out of the North, an he-lamb. Alſo know that ews by drinking of water conceive the ſooner: for which cauſe ſome ſheepherds uſe to give them ſalt to eat, both that they may drink the more freely, and be the better in health.

Note alſo that when the old rams in their time to cover the ews, be ſooner moved thereto then the young rams, it doth then ſignifie a good ſeaſon and proſperous yeare for ſheep: But if at the proper time to cover the ew, the young rams be ſooner provoked thereto then the old rams, then there is like to follow a great rot and murrain of ſheep. The way (ſay ſome) to cure them that they die not, is to take the belly of a ram and ſeeth it in wine and water together, which after mix with water, and give the ſame generally to all the ſheep to drink, and by ſo doing they ſhall be cured.

When

When you ſhear them, if you would that their fleeces ſhould grow again thick and faſt, let the Moon be increaſing, and by no means paſt the full, except it be for ſcabby and infected ſheep, ſuch as are every day ready to looſe their wool: for it is beſt to clip them when the moon decreaſeth.

Geld ſheep and other cattell, the Moon in *Aries*, *Sagittarius*, or in *Capricorn*, being in her laſt quarter, benignely configurated, and free from the rayes of *Saturn* and *Mars*. And if when you wean your calves or other young cattel, you would not that they ſhould prove giddie, be ſure that the Moon be not within three dayes of her change, either before or after: For the prime is within 3 dayes and 18 houres before or after the change, as wel as on the very day that the moon changeth.

Directions in planting and grafting, as alſo in other husbandarie affairs.

IN *January* take off ſuperfluous branches from your fruit-trees, and prepare your ground for Gardens, uncover Tree-roots; cut your Vines in ſome of the Twelve days.

Set Quick-ſets, Roſes, and ſallets in the end of *January* and the moneth following. And now cover up the roots of your trees with good earth, which you opened in the beginning of *January*.

Plant when the Moon is aſpected by *Jupiter* or *Venus* in *Taurus*, *Leo*, *Scorpio*, or *Aquarius*: or in a Conjunction, Sextile, or Trine aſpect with *Saturn*, and free from the body and rayes of *Mars*.

In *March*, the weather being warm, and the wind neither in the Eaſt or North, you may cut and graft trees, the Moon decrea-

decreaſing, and in *Aquarius*, eſpecially if ſhe be configurate with *Jupiter* or *Venus*.

In the end of *April*, or beginning of *May*, ſet or ſow tender herbs and ſeeds in your gardens, in a good temperature of aire.

Remove young Trees either in the end of *October*, in *November*, or *February*, the Moon increaſing: and be ſure to ſet that ſide South which was South before, becauſe it cannot endure the cold North.

Gather all fruits that you mean to keep, in a drie time, when the Moon is paſt the full, decreaſing, and aſpected by *Jupiter* or *Venus*.

Sow all ſuch ſeeds as have round roots, either three or four dayes after the full, or three or four dayes before the full, when *Saturn* is in ſome good aſpect with the Moon, and free from the rayes of *Mars*.

Yea, at all times either in ſowing of corn or of other ſeed, it is beſt to do it when *Saturn* is not combuſt nor retrograde, nor peregrine; but rather (if you can ſtay for ſuch a time) when he is in ſome of his dignities, or in a good aſpect of the Moon; and (as I ſaid before) free from the rayes of *Mars*.

Obſerve this likewiſe, That if you would have your nails grow fair and clear, then muſt you uſe to cut them whileſt the Moon encreaſeth in *Taurus*, *Libra*, *Aries* or *Leo*, & in ſome friendly aſpect either with the Sun or *Venus*. But however let not the Moon be in *Gemini* or *Piſces*, nor any of thoſe two ſignes aſcending.

Note alſo that in the weaning of infant, if you would that the childe ſhould not be fond of the nurſe, but quickly forget the breaſt, let not the Moon be in *Taurus* or *Libra*, but rather in *Gemini*, *Sagittarius*, *Capricornus*, or *Aquarius*, far from the Sun, near the full, and not at all aſpected. For the children that be thus weaned will quickly forget the breaſt, and be alſo forward to fallen upon any other food.

How

How to graft fruit that ſhall have no core.

TAke a graff and bow it ſo as both ends may meet: cut both theſe ends graff-wiſe, and ſo faſten them into the ſtock. And if it grow ſo with the tree, cut away the great end, and let the ſmaler end grow: ſo ſhall the fruit be without core.

How to make a tree bear red apples.

IF you would that your apples ſhould be red, take a graff of an apple-tree, and graft it in a ſtock of elm or elder, and it ſhall bear red apples. Alſo you may bore an hole in an apple-tree to the pith, and put into the hole water of what colour you will: then ſtop up the hole with a pin made of the wood of the ſame tree: So ſhall the apple be of the ſame colour with the liquour, which you put and ſtopped into the hole.

How to make a ſowre tree bring forth ſweet fruit.

IF you have a fruit-tree that is ſowre, and would that it ſhould bear ſweet fruit, you muſt dig the root round about and dung it with pigs dung; ſo ſhall the fruit be ſweet: eſpecially if you take a piercer, and therewith make an hole in the tree to the pith, and into the hole put water tempred with hony, ſtopping the hole again with a pin of the ſame tree,

How

How to make vines grow on cherry-trees.

IF you would that a vine ſhould grow on a cherrie-tree, and have the taſt of cherries, ſet a vine by a cherry-tree till it grow: and in the beginning of *February* make an hole through the cherry-tree in what place you think beſt: then draw through the hole a branch of the vine, ſo that it fill the hole, ſhaving away firſt as much of the old bark of the vine as ſhall be in the hole; that is, as much as extends to the thickneſs of your cherry-tree. This done, you ſhall wrap it well about with good earth, and bind it well with a little cloth, and order it in all things as in other graffings, remembring to cut away the vine from the cherry-tree at the root-end thereof, either then when you firſt draw it in, or (which is beſt) a year after.

Infallible ſignes of Rain.

IF in the morning ſky or Sun be red,
Or at the night in cloud be makes his bed;
When Sun or Moon look pale, or ſeem too great,
Or lamps and lights do ſpark, and ſtones do ſweat,
If Sun be early ſeen, ſtars few in ſight,
The wind at South, no dew to fall i'th night;
If winds do often change, and froggs are crying,
The Bees in haſte unto their hives are flying;
When fleas, and flyes, full ſore begin to bite,
And birds and beaſts have greedy appetite;
When ſeelings crack, and peacocks cry amain,
Soon after look for tempeſt, or for rain.

The

The Aſpects amongſt the Planets both old and new.

		S.	D.
☌	*Conjunction*, in the ſame ſigne and degree.		
SS	*Semiſextile*, when Planets are diſtant 30 deg. or	1	00
✶	*Sextile*, when they are diſtant 60 degrees, or	2	00
Q	*Quintile*, when diſtant 72 degrees, or	2	12
□	*Quartile*, when they are diſtant 90 degrees, or	3	00
Td	*Tredicile*, when they be diſtant 10 degr. or	3	18
△	*Trine*, when diſtant 120 degrees, or	4	00
Bq	*Biquintile*, when diſtant 144 degrees, or	4	24
Vc	*Quincanx*, when they are aſunder 150 degr. or	5	00
☍	*Oppoſition*, when diſtant 180 degrees, or	6	00

The Characters of the ſeven Planets, &c.

1 ♄ Saturn, his houſes Capricorn and Aquarius.
2 ♃ Jupiter, his houſes Sagittarius and Piſces.
3 ♂ Mars, his houſes Aries and Scorpio.
4 ☉ The Sun, his houſe is Leo.
5 ♀ Venus, her houſes Taurus and Libra.
6 ☿ Mercury, his houſes Gemini and Virgo.
7 ☾ The Moon, her houſe Cancer.

The Dragons Head ☊.
The Dragons Tail ☋.

A rule to know the Epact, which is the age of the Moon the 22 of February.

Whenſoever the Golden Number is 3, 6, 9, 12, 15, or 18, then the Epact is the ſame.

The Gol. Num.	1	2	4	5	7	10	11	13	14	16	17	19
The Epact is	11	22	14	25	17	28	29	1	3	4	26	7

FINIS.